

## Poison Prevention Week

### Estimated Half-Million Tots Will Suffer Poisoning In 1963

Next week, March 17-23, is National Poison Prevention Week by presidential proclamation. This is the week set aside as a collective national effort to focus the attention of the public on the potential dangers of accidental poisoning, particularly in children and primarily in children under the age of five years.



**BABIES WILL EAT ANYTHING.** Be extremely careful about what Junior is able to reach with his little arms and put in his big mouth. Approximately 500,000 American children will be accidentally poisoned during this year!

Y-12 parents should remember that small children will eat or drink almost anything! All liquids and solids should be kept from the reach of those tiny arms.

An estimated half-million children will be victims of accidental poisoning, with an expected 500 fatality cases in this group. It has been speculated that, of this number of accidental ingestions which occur in young children each year, that very likely some 500,000 adults are responsible.

Aspirin is the most common cause of accidental poisoning. An overdose of this harmless headache remedy can be fatal even to an adult. It is found in almost every home—in the bedroom, the bathroom, the kitchen and the living room. Keep it out of sight and out of reach.

Never place kerosene, anti-freeze, paints, or solvents in cups, glasses, milk or soft-drink bottles, or other utensils customarily used for food or drinks.

#### Medicine Is Not Candy

Medicine should never be called "candy." Children should not be deceived by having flavored medicines referred to as candy. When left alone, they may locate the bottle and eat or drink its contents.

Growing children are constantly curious about things that glitter . . . pretty colored pills . . . bottles and containers of all kinds. These arouse their natural curiosity. If a child is in the crawling stage, arrange to keep household products in places other than below the kitchen sink unless the cabinet is locked.

#### Keep Medicine Locked Up

If the child is walking, be certain that bottles and boxes containing medicines or household products are put away before answering the telephone or doorbell. If he is able to climb, find a shelf that is completely beyond his ability to reach, or, better yet, lock these products in a cabinet or closet.

To poison-proof your home, here are some simple suggestions to keep in mind.

1. Keep household products and medicines out of reach and out of sight of children, preferably in a locked cabinet or closet. Even if you must leave the room for only an instant, remove the container to a safe spot.
2. Store medicines separately from other household products and keep these items in their original containers—never in cups or soft-drink bottles.
3. Be sure that all products are properly labeled, and read the label before using.
4. Always turn the light on when giving or taking medicine.
5. Since children are by nature mimics and imitate every adult in their sight . . . avoid taking medications yourself in their presence.
6. Refer to medicines by their proper names . . . They are not candies.
7. Clean out your medicine cabinet periodically. Get rid of old medicines by flushing them down the drain, rinsing the con-

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## Safety Awards To Be Given Out Next Week

Old-Time Y-12ers Will Get 31st Award!

Distribution of the individual safety awards to eligible employees of the 31st award period, which ended November 5, 1962, will be made next week. This means a Y-12er who has been here since the year one will receive his 31st safety award for sterling safety periods through the years.

The 12 selections from which Y-12ers chose awards included: a man's and woman's wallet, pinkie shears, shoeshine kit, channel lock pliers, Zippo cigarette lighter, candy dish, a kitchen chop block, clothesline reel, dip dish, Stanley plane, and an automobile tool kit. (Now, does anyone remember what he chose?)

Distributions will begin from 2 until 5 p.m., Tuesday, March 19 at the various portals of Y-12. They will be distributed again Wednesday, March 20, from 6:30 until 8 a.m., from 2 until 5 p.m., and Thursday, March 21, from 6:30 until 8 a.m.

No awards will be given out at the Biology Portal. Oak Ridge National Laboratory employees in Building 9207, may pick up their awards Tuesday, March 19, in Virginia White's office. Other ORNL employees will receive their awards at their regular portals of entry.

The Safety Department urges that all employees pick up their awards at the above times at the portals they indicated on their selection cards. Those employees who are out due to sickness, vacations, etc., can arrange for someone else to pick up their awards on one of the above dates.

The 31st safety period worked in Y-12 without a lost-time accident was for 52 days between September 15 and November 5, 1962, and included 1,708,197 man-hours. Selection cards are being readied for the 32nd award. A photograph of these selections will be included in next week's Bulletin.

Three lost-time accidents already mar 1963's safety performance. With diligent observances of safe working habits, the remaining part of the year can add significantly to Y-12's illustrious safety record.

## Camera Club Plans Photography School

The Carbide Camera Club announces the beginning of its photography school for the spring season. It will commence sometime during the first of April, and will be held in the Club Room, Cheyenne Hall. Additional information on the school may be obtained from A. A. Palko, extension 6-1479.

## SAFETY SCOREBOARD

The Y-12 Plant Has  
Operated  
Four Days Or  
97,000 Man-Hours  
(Unofficial Estimate)  
Without A Disabling  
Injury  
Through March 10  
Phone 7755  
For Daily Report  
On Accident-Free Hours

## Union Carbide Shows Substantial Gains In Chemical And Industrial Gases Sales

1962 Earnings, 12 Per Cent Over 1961, Were Second Highest In Entire Corporate History

Chemicals and plastics accounted for 55 per cent of Union Carbide Corporation's sales in 1962, according to the corporation's annual report just mailed to stockholders. All areas of the corporation's business showed gains in sales volume except metals. The largest gain was made by the industrial gases group.

A breakdown of Union Carbide sales indicated that the industrial gases group increased its sales 11 per cent over the previous year. Sales of the chemicals group were up nine per cent; carbon products up three per cent; and plastics up two per cent. Sales of the metals group, which were off seven per cent, were affected by the low rate of steel production, lower prices, and increased foreign competition.

#### 1962 Earnings Were Up 12 Per Cent

As previously reported, sales of Union Carbide in 1962 set a record for the fourth consecutive year. They amounted to \$1,630,681,000, which was an increase of four per cent over 1961 sales. Net income was \$159,825,000, or \$5.31 a share—including 20 cents a share from the sale of the Pyrofax Gas business. These earnings were the second highest in the corporation's history, and were 12 per cent above last year's earnings.

#### \$145 Million for Construction

In 1962, Union Carbide spent \$145 million for construction, which was about \$22 million below 1961 expenditures. About 55 per cent of last year's expenditures was for facilities for the production of chemicals and plastics. A substantial amount was also spent on building new plants for producing oxygen, hydrogen, and other industrial gases.

Expenditures for research and development amounted to \$81 million, which was one million more than that spent in 1961. This does not include capital expenditures for research facilities, research under government contracts, market research, patent expenditures, or the expense of factory quality-control laboratories.

#### Introduced 40 New Chemicals

Union Carbide Chemicals Company introduced 40 new chemicals during 1962, and 16 of them reached commercial status. Among the new products were chemicals for making urethane foams, surfactants for industrial and household detergents, chemicals for improving the properties of motor oils and hydraulic fluids, and a new textile wash-and-wear finish. Under contracts with the Air Force, this division is also working on the development of new high-energy storable liquid fuels for rockets, and is pursuing a development program on solid fuels for rocket motors.

#### Plastics Developments Announced

An entirely new class of plastics, called phenoxies, was announced by Union Carbide Plastics Company. Phenoxies are expected to fill critical needs in many industries in the form of films, moldings, containers, coatings, and adhesives. Other highlights in the plastics field included the introduction of polypropylene films with exceptional optical properties for packaging; the use of new high-performance epoxies developed by Union Carbide in filament-wound cases for solid fuel missiles; and the development of an elastomeric polyolefin with potential use as a replacement for natural and synthetic rubber in many applications, and several polyethylene compounds for extrusion coatings.

#### Huge Graphite Cylinders For Rockets

National Carbon Company, another division of Union Carbide, announced the installation of the largest forming press in the graphite industry to meet steel industry and aerospace needs. The division signed a contract with the Air Force to produce the three largest cylinders of graphite ever made—about 9 feet in outer diameter and over 5 feet long—for possible use in solid fuel rockets. Other significant developments announced by National Carbon were the production of graphite-coated particles of uranium and of thorium for making fuel elements for nuclear reactors and the use of graphite cloth for missile components.

#### 10 On-Site Oxygen Plants Built

Union Carbide's Linde Company installed 10 new on-site plants to produce oxygen and nitrogen for individual steel and chemical plant needs. It also opened a new plant on the Houston, Texas, Ship Channel to supply oxygen and nitrogen to chemical and steel producers through the nation's first oxygen-nitrogen pipeline complex.

An outstanding product in the industrial gas field introduced by Linde was the plasma arc furnace. This furnace melts metal much faster than vacuum-arc induction furnaces, yet it offers comparable quality control. For the medical field, Linde introduced a cryosurgical unit for use with a new freezing technique for the treatment of Parkinson's disease, and a chamber that allows pure oxygen to be supplied to patients at three times normal pressure. Medical centers will explore the use of the new oxygen chamber in surgery and in the treatment of heart disease, tetanus, and carbon monoxide and barbiturate poisoning.

#### Rights to New-Type Lime Kiln Licensed

A new cost-saving kiln to produce lime for steel plants and other industries was introduced by Union Carbide Metals Company. The division plans to commercialize this development by building on-site lime plants, offering engineering service for redesigning existing kilns, and licensing rights to build kilns of this type and make use of Union Carbide engineering and operating knowledge. The Metals Company also made available to the steel industry several new manganese and chromium alloys. One of these alloys, known as

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## Welding Society Meeting Tuesday

The Northeast Tennessee Section of the American Welding Society will hold its third series of education lectures next Tuesday, March 19 at 7:30 p.m. in Room 114, Dabney Hall at the University of Tennessee.

Leading this discussion will be Clarence Bennett, manager of welding engineering at Vickers, Inc., Electric Products Division, Sperry-Rand, St. Louis, Mo. He holds a BS degree in electrical engineering, having attended the University of North Carolina and the University of Missouri. He is presently doing graduate work at St. Louis University. He has been with Vickers for the past 12 years.

The topic of Bennett's address will be "Magnetic Amplifiers, their Principles and Applications in Welding Circuits."

More details may be obtained on the AWS meeting by calling D. G. Scott, telephone extension 7-8253.

## Motor Scooter Accounts For Lost-Time Mishap

The third lost-time accident in 1963 in Y-12 occurred last week as an employee overturned a motor scooter. In the accident, the Engineering Mechanics employee pinned his legs under the scooter, sustaining a chip fracture on his left leg, and internal injuries to his right knee. The mishap occurred on Second Street, Wednesday, March 6.

This brought the current series of accident-free days to a close at 14, or 482,000 man-hours.

## THE CARELESS YIELD

Georgia is the largest state east of the Mississippi River. Almost 70 per cent of her land is farmland.



# The Bulletin

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JAMES A. YOUNG Editor

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OFFICE  
Post Office Box Y  
Oak Ridge, Tenn.  
Bldg. 9704-2 Room 149  
Telephone 7109

## Middle Tennessee Has Y-12 Yearbook Queen

Beasley Daughter Is  
1963 Miss Midlander



Gail Beasley

Students at Middle Tennessee State College, Murfreesboro, had little trouble in selecting their Miss Midlander for 1963. "Midlander" is the name of their yearbook. She is Gail Beasley, daughter of Mr. and Mrs. R. D. Beasley, 102 East Maiden Lane, Oak Ridge. Her father is in Y-12's Chemical Department.

A senior at Middle Tennessee, Gail graduated from Oak Ridge High School in 1959. A cheerleader for four years, she captained the group this year, urging the Blue Raiders on.

During her last year Gail was runner-up for the Most Popular Girl on the Campus, and also a leading candidate for the Homecoming Queen. She is majoring in Physical Education, with a minor in history, and plans to teach in secondary schools come fall.

## Y-12ers Active In 3-County Club

Six of the seven members of the Board of Directors of the Tricounty Sportsmen's Club, elected the first part of the year, work at Y-12. They are Ben Butler, president, Research Services; H. G. Jenkins, vice president, General Machine Shop; Joe Barkman, secretary, Product Processing; C. W. Mason, treasurer, Research Services; and Ken Whitehouse, Production Machining; and L. L. Kilgore, Steam Plant, as members of the board. Bill Jackson was also named to the board.

The Tricounty Sportsmen's Club has property at Dickey Springs on Watts Bar Lake and several of the members have cabins or cabin sites there. The 1963 program includes completion of the concrete block clubhouse started last year and improvement of the swimming beach.

Kissing shortens  
Life, we know;  
But there are far  
Worse ways to go.



"This was not our winter of discontent," President Kennedy stated at a recent press conference, digging into Shakespeare's Richard III for the quote: "Now is the winter of our discontent . . . Made glorious summer by this sun of York." Aren't we literate these days?)

We don't like to quibble with the head of our State, but cold weather makes us discontented . . . Castro, Khrushchev, notwithstanding.

But, hark, the lark sings and Spring comes to Y-12 . . . the forsythia outside is bursting at the seams. Other news in Y-12 begins in

### INDUSTRIAL RELATIONS

Guardsmen and Firemen report W. R. McGill, Arnold Tiller and R. L. Fain all welcomed back after a bout with a bite from a bug!

Get well wishes are speedily sent C. S. Waldroop, C. S. Davidson, J. F. Marcum, G. H. McGrath, L. W. LaRue, F. L. Roberts, G. C. Gregory and T. E. Ford.

The department's sympathy is extended to R. L. Cross whose mother passed away recently.

Get well wishes to Captain Dickenson's daughter, Jean, down in Albany, Georgia.

A good definition of a raving beauty . . . a girl who came in second in a beauty contest!

### MECHANICAL OPERATIONS

Dispatching welcomes in an old friend of the Bulletin . . . Louise Crabtree, recently transferred from ORGDP where she was employed with the Carbide Courier down there.

Rolling and Forming has done it again. A big rabbit feast was held at the Anderson County Sportsmen's Club on March 3. The part was a big success even though a last minute change had to be made in the menu when it was learned that George Ferrell had eaten all the rabbits (there was even some doubt about his having any rabbits!) Deer meat balls and spaghetti filled in very well with Ralph Moneymaker providing the entertainment plus Charlie Coughlin's contributions.

Children have little fear of water . . . unless it's soapy.

### SHIFT SUPERINTENDENTS AND UTILITIES

Get well wishes to the following personnel who got bitten recently by the well-known bug going around: L. M. Kittrell, W. J. Wiggins, T. R. Lester, and B. L. Fain.

Vacationers include R. D. Freels and J. C. Yarber who didn't reveal plans. Also E. S. Smith slipped away without telling.

Get well wishes are extended to R. F. Farmer's daughter, in Oak Ridge Hospital for an appendectomy.

"You can't quit now," the circus manager told the human cannon ball. "Where can I find another man of your calibre?"

### MAINTENANCE



Kathy, Timmy and Tommy Lee Bagwell

These happy looking youngsters are the children of T. D. Bagwell, Electrical. They are Kathy, one; Timmy, two; and Tommy Lee, five. The boys give Kathy a rough time sometimes, but she's learning to "stand her ground," according to pop. They enjoy watching TV, especially wrestling, a sport in which they are becoming expert . . . Their grandmother, Mary H. Fields, is also a Y-12er, in the Laundry. (The paternal grandfather is fondly remembered by Y-12ers, also. He was Lee Bagwell, former Safety Department head.)

On the sick list from Electrical, and the very best of wishes to them . . . J. F. Johnson, D. E. Lane and W. S. Caruthers.

Vacationing and caring for his mother who is ill is M. C. Gore . . . J. V. Bibee vacationed also to visit with his mother, ill also. Best wishes to both of them.

Sympathy is extended to the E. C. Gross family in the recent death of his mother.

Welcome back to D. L. Moore, who has been away a while seeing what the inside of a hospital looks like.

Research Services sends get well wishes to F. H. DeFord, in the hospital for surgery . . . also

to W. R. Carver, also ill in the hospital . . . also to the many others suffering from influenza.

Sympathy is extended to W. C. Coffey in the recent death of his mother.



A1/C Bruce Harrington Jr.

Airman Bruce C. Harrington Jr. visited his parents in Knox-



JUST TO SHOW THAT FISH are beginning to nibble . . . take a look at that pile of striped bass that Leroy Taylor, Tool Grinding, pulled out of the Little Tennessee River. That's a guest of Taylor's, Charlie Anderson, at right, visiting from Kalamazoo, Michigan. These mass of stripes were caught during a cold Saturday in February. They total 98 in all! A man really has to like fishing to get on the lake in February, especially during the cruel winter of 1962-63.

## Spring Fishing Rodeo Starts Saturday With 8-Species Race

Smallmouth, Largemouth, Striped Bass And  
Sauger, Crappie, Trout, Bream Are Listed

A new quarterly rodeo opens for Y-12 anglers Saturday, March 16. With Spring almost on the way, the striped bass should begin their annual runs, and the other species from the deep should begin to pull on the line.

New entry forms are in the Recreation Office. The Spring Rodeo

will extend from March 16 through June 10.

Any species caught during this period by Y-12ers is eligible to enter in the contest. The eligible species are smallmouth, largemouth and striped bass, walleye, sauger, crappie, trout and bream or bluegill. A single catch can be entered in the quarterly and annual competition at the same time. (A photograph must accompany an annual entry.)

The weight of a fish shall determine two winners in each species class. In case of ties, length and girth, in that order, shall be the determining factors. All fish must be caught in Tennessee waters.

Two prizes will be given away in each class . . . a first and second place winner.

Entry forms may be picked up in the Recreation Office, Room 149, Building 9704-2, or by telephoning extension 7109.

## ORNL's Lewin Is UN Group Speaker

Joseph Lewin, Oak Ridge National Laboratory engineer, will be the speaker and discussion leader at the United Nations Study Group, tomorrow, Thursday, March 14 at 8 p.m. at the Oak Ridge School Administration Building. His topic will be "Are there any possibilities of avoiding an eventual war between the USA and the USSR?"

Lewin, himself Russian-born, came to the United States by way of Latvia at the age of eight. He holds a degree in mechanical engineering from Cooper Union Institute, New York City. He served with the United States Air Force during World War II. Lewin acted as escort for the first group of Russian stomatologists (dentists and oral surgeons) to arrive under the cultural exchange program.

All interested persons are urged to attend the UN group meeting tomorrow night.

## 'Threepenny Opera' Continues Hit Run

The revival of the song "Mack the Knife" in these parts has a good explanation. It's because the Oak Ridge Playhouse is doing Kurt Weill's "Threepenny Opera." The Weill opus, not really an opera, but a bawdy, earthy-type musical comedy is full of good songs.

The role of Mrs. Peachum is being played by Mary McNeese, wife of the mayor of Oak Ridge.

Weill's immortal hit will be repeated this week-end, Thursday, Friday, and Saturday, at the Oak Ridge Playhouse. Curtain time is 8:15 p.m. on one of the wittiest, fun-filled nights in the theatre.

ville recently for a welcome 15-day furlough. He was promoted recently to A1/C and also transferred from Kincheloe Air Force Base, Michigan, to Maxwell Air Force Base in Montgomery, Alabama. (His pop is in Research Services). Airman Harrington is in the Accounting and Auditing Division of the USAF.

Shoot, let's go home!

## Y-12ers Celebrating 15, 10 Year Anniversaries

Congratulations to the following Y-12ers who will observe 15 and 10 year anniversaries with Carbide within the next few days.

### 15 YEARS

Tye B. Croley, Chemical Department, March 13.

Joe Gibbs, Production Machining, March 14.

Clifford W. Taylor, Receiving, March 16.

Rembert Harris, Building Grounds and Maintenance Shops, March 16.

Varnard F. Carr, Research Services, March 16.

### 10 YEARS

Conda L. Miller, Stores, March 16.

Walter K. Fulbright, Area Five Maintenance, March 16.

Ralph D. Frey, Tool Engineering, March 16.

Norman E. Morgan, Research Services, March 16.

Floyd A. Wells, Jr., Dispatching, March 17.

Robert E. Baker, Electrical, March 18.

Donald E. Bell, Utilities, March 19.

A bachelor is a rolling stone that gathers no boss.



# C League Alley Race Still Tight

## Sunflowers' Goodwin Scatters Many Pins

The tight C League race for Y-12 bowlers continued its nip-n-tuck rolling last week. The Sunflowers took three points from the Lucky Strikes to keep the slim lead they hold. The Highlifters inched up with a four-point win over the Rodders. Other four-point wins saw the Rounders over the SP's and the Screwballs over the C Shift team. Splitting two each were the Big Five and Par Busters and the Hookers and Strikers.

Walt Goodwin, Sunflowers, was not content with his near sweep of individual honors the prior week. He really hit last week. Taking high singles with a 246 scratch, 259 handicap for season highs, Walt also registered series highs of 654 scratch and 693 handicap (only 7 pins short of Joe Delmonte's



Goodwin

astounding 700!) Team honors were split seven ways to Sunday at the Sunflowers took high singles scratch of 936. The Big Five had high handicap in singles with 1052. The Rounders captured a 2670 scratch series; and the Highlifters took a 2999 handicap series.

League standings follow:

Team	W	L
Sunflowers	26	10
Highlifters	24	12
Big Five	22	14
Lucky Strikes	21	15
Strikers	21	15
Par Busters	20	16
Rounders	19	17
Screwballs	16	20
Rodders	15	21
Hookers	13	23
C Shift	10	26
SP's	9	27

## 1962 Was Worst Year For Refrigerator Deaths

A total of 35 children crawled into refrigerators and died there last year, making 1962 the worst death toll year for this type accident in history, according to the National Safety Council.

The danger season for this hazard begins in March . . . remove that old refrigerator from the premises, or make it impossible for a tot to crawl in and lock himself there.

# Dry Hides Are Bush League Leaders, Still

The Dry Hides extended their lead in the Y-12 Bush League for bowlers last week by downing the Rusty Five for four points. The only other clean sweep featured the Seven Sixties over the Beavers. Three point wins were taken as the Hi Balls lambasted the Lucky Five and the Rollmasters rollicked past the Regents. The Rollniks took the bye of the week.

Frank Winstead, Rollmasters, took high singles in the order of 223 scratch, 254 handicap. Roy Scates, Regents, took high series scratch with 558, and Ambrose Ballard, Dry Hides, took high series in handicap scoring with 658.

The Rusty Five took singles highs with 900 scratch. The Dry Hides took handicap highs with 1090 singles and 3034 series tops. The Seven Sixties had the high scratch series of 2433.

League standings follow:

Team	W	L
Dry Hides	38	18
Hi Balls	30	22
Rusty Five	30	26
Regents	28	24
Rollmasters	28½	27½
Lucky Five	23	29
Beavers	22	30
Seven Sixties	21½	30½
Rollniks	19	33

# Volleyball Crown Goes To A Shift

## Y-12 Eagles Finish In Third Position

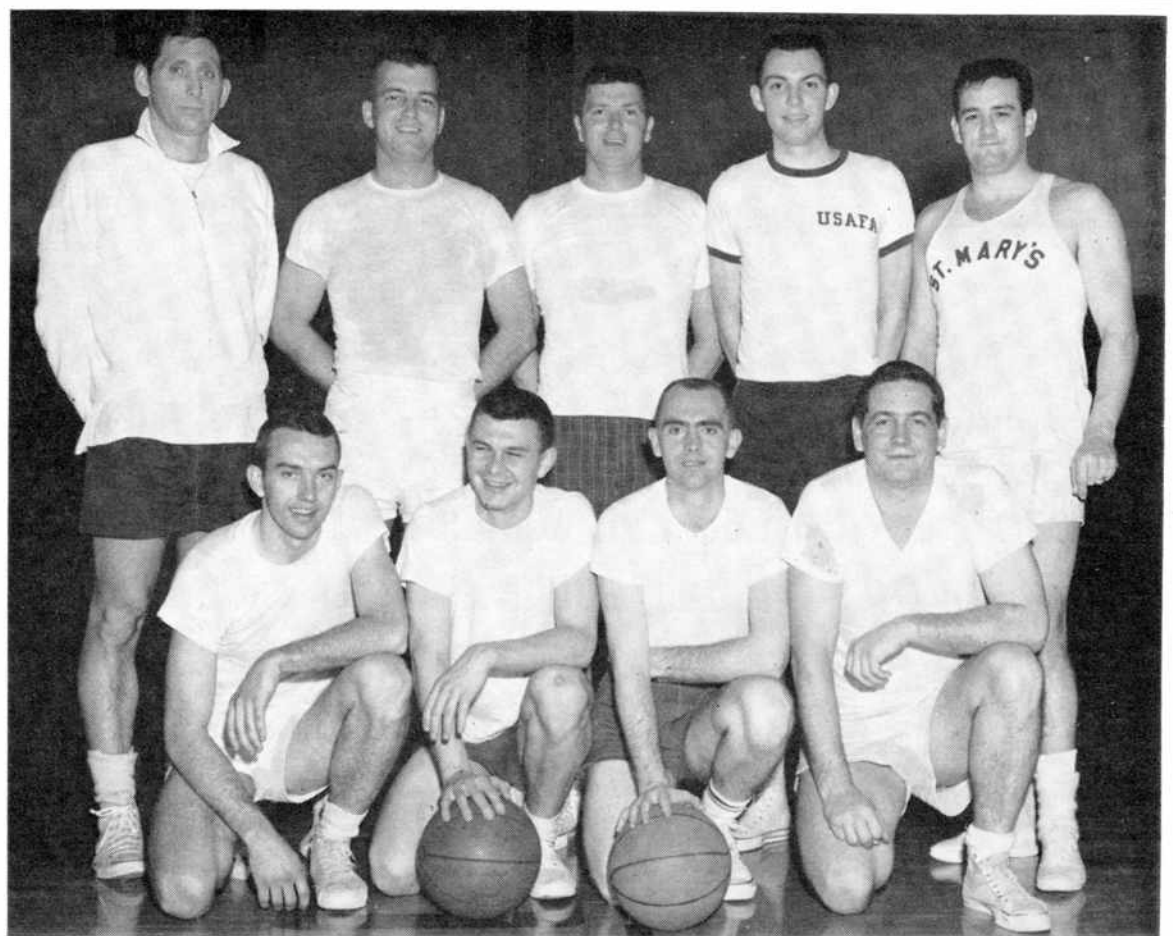
Final play in the Carbide Volleyball League last week saw the Y-12 Eagles fall for three games to the Set-Ups, winners of the first half of league play. The scores were 15-6, 15-9 and 15-3.

The A Shift team then took the Set-Ups for three games, 15-11, 15-10, and 15-12. A play-off will decide championships as the A Shift team, from ORNL, and the Set-Ups, from ORGDP, each with a half league to their credit will battle it out.

Final league standings:

Team	W	L
A Shift	15	0
Set-Ups	12	3
Eagles	7	8
ORSORT	5	10
Old Men	3	12
Biology	3	12

Travel may be broadening, but so is too much sitting!



ONE OF Y-12's PRIZE ENTRIES in Carbide Basketball is the Flyers. They are shown above after a quick work-out before a recent game. Their last half standings show an 8 win, 2 loss tally. Kneeling from left are Jim Pugh, Robert Hobbs, Don Forrester and Jerry Davis. Standing are Lew Fitzgerald, Carlos Brooks, Manager Dary W. Daws, Phil Maguire and Buddy Scott.

# ORNL Still Lead Shooters In 22 League

Y-12 gained four points in the 22 Calibre Rifle League last week by sweeping handicap total tops. They registered 1449.221. ORNL had 1444.041, while the Independents fired 1448.991.

In scratch firing Y-12 had 1411, to ORNL's 1414, and the Independents' 1430.

For Y-12 it was Dave DeWalt leading scratch firing with 288, trailed by Bob Powers with 287 and Bert Searles with 281. In handicap firing it was B. C. Sims firing a top 292.084 . . . Art Hensley with 289.819 and H. Whitehead with 289.480.

League standings follow:

Team	Points
ORNL	26
Y-12	19
Independents	15

# Ties Again Come For E Alley Top

## Pinquins, 4-Squares Share Top Berth

The E League race for Y-12 bowlers who roll day-light hours, could go any way now. A two-way tie for first place developed last week as the Pinquins took four from the Ten Pins and the Foursquares dropped three to the Cannonballs. The other match of the league saw the Alleybees take three from the Pintwisters.

R. E. "Shorty" Gibson, Alleybees, took high singles with a 213 scratch, 249 handicap game. The scratch series of 537 was high rolled by Johnny Gadd. Alonzo Edwards, Pinuins, rolled high handicap series of the league last week with a 634.

The Pintwisters took team honors in singles with 710 scratch and 843 handicap totals. The Pinquins took series highs of 1923 scratch high, and 2409 handicap totals.

League standings follow:

Team	W	L
Foursquares	24	16
Pinquins	24	16
Cannonballs	21	19
Alleybees	21	19
Ten Pins	18	22
Pintwisters	14	26

# Basketball League Tightens Up As Atoms Lose One To All Stars

## Flyers Get Busy In Make-Up Games To Lose Close Thriller And Take Three Without Sweat

The high-flying Flyers, a Y-12 entry in the Carbide Basketball League, got in some make-up games on the hardwood last week. The first game was played last Monday, as the Flyers trimmed the Misfits, also from Y-12, 70 to 47.

The only time the score was even close was on the opening whistle. Only in the third period did the Flyers fail to outscore their opponents. The scoring contest was between Carlos Brooks and Jim Pugh, Flyers . . . as Brooks tallied 24 and Pugh shot 23. Mahaffey led the 'Fits with 21, Jerry Babb had 18.

## Lab Demons Fall Hard

The Flyers turned Tuesday night letting their wrath loose on the ORGDP Lab Demons. Although the score doesn't show it, this was a pretty sloppy game on both teams' part. Five men hit double scoring figures for the Flyers as Forrester took 24, Spuriling 19, Brooks 17, Pugh 14 and Hobbs 10. For the Lab Demons it was Cates with 17. Manager Dary Daws failed to score, even with the perfect opportunity of a foul shot at the end of the game.

Due to an error turned in by the scorekeeper last week, the Atoms have lost a game. They were closed out in a close game week before last by the ORGDP All Stars. The score was 60 to 57 . . . and the Bulletin had the wrong team listed as the winner. The error is regretted, of course, and the scorekeeper has been sentenced to five lashes with a piece of wet spaghetti!

The Y-12 Eagles handed the Flyers a game Wednesday on a silver platter . . . by the forfeit route. Manager John Pridgeon couldn't field enough players to make the game . . . so the score went Flyers—2; Eagles—0.

## Final Game A Thriller

The final game of the week was a thriller . . . as the ORGDP All Stars came through in a squeaker . . . 68 to 64 over the Flyers.

This was probably the season's most exciting game . . . with the lead changing with almost every shot. The All Stars' Clark took 29 big points . . . sinking one just before the final whistle. For the Flyers it was Carlos Brooks with

25, Jim Pugh with 22 and Forrester with 14. Henderson sank 15 for the All Stars, and Mothershed had 12.

Another make-up game should decide whether the Atoms can do it again in the last half of the league or not. If they lose another game, there will be a three-way tie between winners, with the Flyers, Atoms and All Stars up there, each with two losses each. If the Atoms win, that's all she wrote.

## Tournament To Be Set

A tournament will be scheduled shortly to decide that championship. The Atoms took the first half of league play. If a team other than the Atoms takes the second half, a play-off for league champions will have to cast the deciding vote.

League standings follow:

Team	W	L
Atoms	8	1
Flyers	8	2
All Stars (ORGDP)	7	2
Eagles	4	6
Misfits	2	8
Lab Demons (ORGDP)	0	10

# Germ-Sharing Is Not Charity In Office

The Gesundheit season is upon us . . . with sneezes, sniffles, and sore throats the order of the day. Common courtesy demands you don't cough in folks' face. That's a sure way to spread your malady onto your neighbor. A handkerchief or piece of tissue was designed for this express purpose.

One single cough into an office can spread literally millions of germ-laden droplets of moisture. All your neighbor has to do is take a deep breath of this and . . . boom . . . he's got it, too! The world does love a cheerful giver, but this does not extend to the germ-sharer.

Are you a germ-sharer?



TOP ATHLETES ON THE BOWLING LANES as far as Y-12ers are concerned received their handsome trophies recently for sterling performances in the Y-12 Bowling Tournament held February 9, 10 at the Ark Lanes, Oak Ridge. Ruby O'Kain, left, scored a 1533 scratch score in All Events play, while Don Branson, left, took a 1681 scratch total. Ruby was not only able to take the Y-12 crown, she had just won the City Title in Oak Ridge two weeks before Y-12's tournament. Both bowlers, along with scores of other Y-12 pinmen and women are all set for the All Carbide tilt set at Ark Lanes for the week-ends of March 23, 24 and 30 and 31.



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## Classic League Cool Cats Continue 1-Point Lead Mixed League Rise To All Stars

The All Stars now hold a one-point lead in the Classic League for Y-12 bowlers. They took the Wolves handily for four points. Other four-point wins saw the Swingsters swamp the Eightballs and the Markers cuff the Cubs. Three point wins featured the Rippers over the Smelters, the Rebels over the Bumpers, the Playboys over the Wasps and the Sportsmen over the Screwballs. The Tigers - Has Beens match ended in a draw, with each team sharing two points.

Jack Spears, Rebels, took singles big with a 241 scratch, 258 handicap game. Arnold Tiller, Rebels, swept the series board in scratch play with 624; while J. B. Strickland, Swingsters, took high handicap series with 667.

The Swingsters swept the team boards with scores of 970, 1084 in singles, 2707 and 3049 in series.

Team	W	L
All Stars	31	13
Swingsters	31	13
Rippers	30½	13½
Has Beens	29	15
Wasps	26	18
Rebels	26	18
Bumpers	23	21
Playboys	23	21
Markers	23	21
Sportsmen	20	24
Wolves	19	25
Tigers	16½	27½
Screwballs	16	28
Smelters	15	29
Cubs	11	33
Eightballs	11	33

### Class Starts Soon In College Courses!

Registration time is coming up on Tuesday, March 19, for Spring quarter Union Carbide Nuclear Company-sponsored classes in college credit courses. Those in-

### Leaders' Tibbatts Dominates Men's Alley

The Cool Cats continued to dominate the Mixed League for Y-12 bowlers last week by soundly trouncing the Phantoms for four full points. New second-placed team the Ghosts galloped over the Goofers for three, as did the Pin Plasters over the Scrappers. The other tilt of the week saw the Alley Cats top the Toppers for the full count.

Joyce Gillihan, Ghosts, tied Sandra Stephens, Toppers, for single scratch honors, each with 155 in the women's section. Joyce took high single handicaps rolling a 206. Ruby Lucas, Phantoms, had series highs in scratch with 423. Margaret Taylor, Pin Plasters, and Nell Miller, Alley Cats, tied for series handicap tops with 565 each. Nelson Tibbatts, Cool Cats, swept the boards clean on the male side with scores of 208, 243, 545 and 650.

The Pin Plasters, definitely on their way up again, came through with team honors rolling 649, 818, 1828, and 2345 scores.

League standings follow:

Team	W	L
Cool Cats	28	8
Ghosts	22	14
Goofers	20	16
Pin Plasters	18½	17½
Scrappers	18	18
Alley Cats	16½	19½
Phantoms	14	22
Toppers	7	29

Interested in Math 121, Basic Engineering 113 (or other subjects) should contact Frank Fuis Jr., 7-8234 extension, without delay.

Every man has an inflated estimate of his good qualities, but he always welcomes higher bids.

## Graduate Program Set For UT Spring Term

### Registration Is Set For Monday, March 18

The University of Tennessee Graduate School announces its Spring Quarter curriculum in the Oak Ridge resident graduate program. Registration is set for next Monday, March 18, from 6 until 8 p.m. Classes begin Tuesday, March 19 and extend through May 24.

All Oak Ridge classes are held in the Oak Ridge Institute of Nuclear Studies training building, directly behind the Atomic Energy Commission's main offices.

Spring Quarter courses offered are:

CHEMICAL ENGINEERING 532, Chemical Engineering Thermodynamics; CHEMISTRY 543, Chemical Kinetics; CHEMISTRY 573, Theoretical Inorganic Chemistry.

INDUSTRIAL MANAGEMENT 501-2-3, Master's Thesis.

MATHEMATICS 417, Linear Algebra and Geometry; MATHEMATICS 455, Advanced Calculus; MATHEMATICS 467, Introduction to Mathematical Statistics; MATHEMATICS 593, Elementary Topology.

METALLURGICAL ENGINEERING 573, Advanced Physical Metallurgy.

PHYSICS 373, Introduction to Atomic and Nuclear Physics; PHYSICS 421, Electricity and Magnetism; PHYSICS 453, Atomic Physics Laboratory; PHYSICS 523, Advanced Modern Physics; PHYSICS 463, Mathematical Methods in Physics; and PHYSICS 643e, Theory of Radiation.

All the courses offered by UT's graduate school are approved for reimbursement under the Carbide Educational Assistance program.

More information concerning the courses and schedule may be obtained by calling the graduate office at extension 4129.

## Poison Prevention Week

Continued from Page 1  
tainer in water, and then discarding it.

### Information Available

If, in spite of all these precautions, an accidental poisoning occurs, information regarding the recommended treatment is readily available from the Knoxville Poison Control Center, Knoxville telephone 524-2961. In an emergency, this information is also available from the Industrial Hygienists at the three Union Carbide plants here: J. F. Morehead, Y-12, extension 7-8698; D. L. Stoddard, ORGDP, extension 8782; and N. E. Bolton, ORNL, extension 6-1634. The Oak Ridge telephone number during 5 p.m. and 7 a.m. is 482-1973.

Keep as calm as possible . . . and call either a doctor, the police or the local hospital. They can give you instructions until competent help arrives on the scene.

### Communications Is Theme For New Poster Contest

The third quarterly poster contest, sponsored by the Safety Department, is now on. Safety is receiving these suggestions with the theme "Communications: A Safety Factor."

Prizes to be won include a socket wrench set and a pair of stadium seats. Entries will be taken up through May 31 in the current poster race.

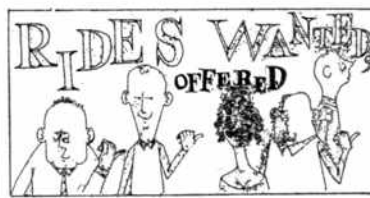
### MARK OF SUCCESS

Marriage is just like a job. It's much easier if you like your boss.

Many a man thinks he's roughing it when he drives a car with a standard shift.



WINNERS IN THE SECOND QUARTERLY poster contest, sponsored by the Safety Department, picked up their awards recently. William D. Ayres, left, Tool Engineering, took second prize with his poster entry "When you Are OFF Duty, Remember Keep Safety ON the Job!" It was illustrated with an off and on light switch. Superintendent of Industrial Relations Division H. G. P. Snyder, center, presents Mrs. John M. Mills Jr. with the first award. Her entry featured a time clock with the warning: "Don't Clock Out On Safety . . . Take Safe Ideas Home With You." Her husband is in Secondary Quality Control, and Mrs. Mills herself is a former Y-12er, having worked in Radiation Safety.



One car pool member wanted from Cumberland Estates, Pleasant Ridge Park, to West Portal, straight day. K. D. Thompson, plant phone 7596, home phone Knoxville 588-8149.

One rider wanted from Pine Hills, Harriman, to West, Central, or Bear Creek Portal, straight day. R. W. Curtis, plant phone 7-8485, home phone Harriman 882-9291.

Ride wanted from Foust-Carney Road, Clinton Highway, to Bear Creek Portal, straight day. Brenda Price, plant phone 7430, home phone Claxton 945-2482.

Ride wanted or will join car pool from vicinity of West Haven, Knoxville, to Central or West Portal, J Shift. J. V. O'Neil, plant phone 7529, home phone Knoxville 588-7237.

### Heat Conduction Topic For ORNL Seminar Friday

The Oak Ridge National Laboratory Physics Division seminar this week will feature R. Berman, Oxford University, Oxford, England. He will discuss "Some Recent Experiments in Heat Conduction."

The physics seminar will be held at 3:15 p.m., Friday, March 15, in the East Auditorium of ORNL's 4500 Building.

### Smoky Mountains Boast 153 Species Of Trees

There are 153 different species of trees found in the Great Smoky Mountains. This is more than are found in any other similar area in the temperate zone and quite a contrast to the 85 different kinds found on the entire European continent!

### 'Early To Rise' Not Good For Sam Johnson

"No man practices so well as he writes. I have, all my life long, been lying till noon. Yet I tell all young men . . . with great sincerity, that nobody who does not rise early will ever do any good." . . . Samuel Johnson.

## Union Carbide Shows Substantial Gains

Continued from Page 1  
"DQ" manganese, is particularly useful in the production of automotive steels.

During 1962, Union Carbide Nuclear Company started production of radioisotopes at its new research center near Tuxedo, New York. These are being sold to a number of companies in the New York metropolitan area for industrial and research purposes. The division also announced it is building a pilot plant in California to produce asbestos fiber. New Batteries and Car Care Products

Several new Eveready and Prestone products were announced by Union Carbide Consumer Products Company. Among the Eveready products was a series of miniature alkaline batteries for use in transistorized electronic equipment. Five new car care products were introduced under the Prestone trade mark: a special silicone car polish, a foam upholstery cleaner, a transmission sealer, a spray degreaser, and a wash and wax concentrate for automatic car washing establishments.

## Jaycees Again Are Talent Searching

The Oak Ridge Jaycees are looking for talent again for their gala variety show, scheduled for some time in April or May. Y-12ers interested in displaying their bird-imitating, dancing, singing, banjo-picking or what-have-you should fill out the form below.

This data is used for survey and informational purposes only. Additional information on the contest may be had by telephoning Oak Ridge 483-0426.

Jaycees  
P.O. Box 448  
Oak Ridge, Tennessee

Yes, I wish to participate in the Jaycees Talent Show.

Name \_\_\_\_\_

Address \_\_\_\_\_

Talent \_\_\_\_\_



THIS WILY NIMROD downed his first deer on his fourteenth birthday recently down in Thomasville, Alabama. Shown with his prize take above is Edward Earl Sheffield, nephew of Offie Trull, Area Five Maintenance.